

PRODUCT NAME

PC Switch 6000

MODEL NUMBER

DC0203

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC NOTICE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio or TV technician for help

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment

**THE PARTY RESPONSIBLE FOR
PRODUCT COMPLIANCE**

SIIG, Inc.
6078 Stewart Ave.
Fremont, CA 94538-3152
(510) 657-8688

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PC Switch 6000 Installation Guide

This installation guide provides instructions for installing your *PC Switch 6000*.

Introducing the *PC Switch 6000*

The *PC Switch 6000* is designed for user to access multiple computers using only one console. By pressing HOT keys from the keyboard directly or the SELECT button on the switch, you can easily switch from one computer to another.

Key Features

- CPU switch to control 6 servers or workstations
- Switches between PCs using hot-keys or push-button
- Auto-scan for periodic monitoring of PCs
- Built-in buzzer for switching confirmation
- Mouse and keyboard emulation for inactive PCs
- Active LEDs for status monitoring
- Keyboard status (Caps Lock, Num Lock and Scroll Lock) restored while switching between PCs
- Scan mode automatically switches through power-on computers, scan rate is DIP switch selectable
- Supports VGA, SVGA and Multisync monitors
- Supports VGA resolutions up to 1280 x 1024 pixels

Specifications

- Power consumption: AC 9V 300mA (max.)
- Housing: metal
- Dimensions: 74 mm (H) x 264 mm (W) x 150 mm (D)
- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -4° to 140° F (-20° to 60° C)
- Operating humidity: 20% to 80% RH, non-condensing
- Storage humidity: 0 to 80% RH, non-condensing

System Requirements

Console

- PS/2 mouse
- VGA, SVGA or Multisync monitor with cable
- PS/2 keyboard

PC

- VGA, SVGA or Multisync video port
- PS/2 mouse port
- PS/2 keyboard port
- Cable kit—Each PC requires an individual cable kit to connect to the *PC Switch 6000*. Cable kit is sold separately. Refer to the Accessory Table for cable type to work with your PCs.

Package Contents

- One *PC Switch 6000*
- One linear power adapter
- One 1-year warranty card
- This quick installation guide

Technical Support

Web Online Support

Question? SIIG's **Online Support** has answers! Simply go to SIIG's web site at ***www.siig.com*** and click on the **ONLINE SUPPORT** icon for instant technical support service.

Technical Support Department

For additional support, SIIG's Technical Support Specialists are available from 8:00 a.m. to 5:00 p.m. Monday through Friday, Pacific Standard Time. To reach a Technical Support Specialist:

e-mail: support@siig.com

Telephone: (510) 353-7542

Customer Service Department

If the Technical Support Specialist determines that the product may be defective, you can return it for repair or replacement.

Step 1: Call SIIG's Customer Service Department

Call the Customer Service Department at **(510) 657-8688 ext. 5333** for a Return Merchandise Authorization (RMA) number. Please have the product serial number available. It is located on the side of the box and on the back of the product.

Step 2: Complete the RMA form

- Fill out your Return Merchandise Authorization (RMA) form, and include it in the package along with the original materials.
- Clearly write your RMA number on the outside of the returned shipping package and on the accompanying RMA form.

SIIG will refuse to accept any shipping package, and not be responsible for a product returned without a RMA number posted on the outside of the shipping carton.

Step 3: Ship the *PC Switch 6000*

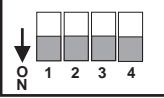
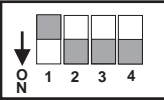
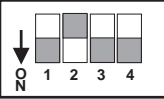
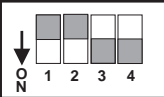
You are responsible for the cost of shipping the product back to SIIG at the following address:

SIIG, Inc. RMA# _____
6078 Stewart Ave.
Fremont, CA 94538

SIIG will ship the repaired or replaced product via UPS Ground or US Mail at no cost to you.

DIP Switch Settings

The default DIP Switch setting is configured for 5 seconds scan interval. If you like to reconfigure the scan interval, refer to the illustration below:

DIP Switch 1	DIP Switch 2	Scan Interval	DIP Switch Setting
On (Default setting)	On	5 seconds	
Off	On	10 seconds	
On	Off	20 seconds	
Off	Off	40 seconds	

Note Make sure to turn the *PC Switch 6000* off to reconfigure the setting. DIP Switches 3 and 4 should always be set ON.

Accessory Table

The following high quality cable kits are designed to work with the *PC Switch 6000*. You may purchase them through your distributor.

SIIG Part No.	Length (ft.)	Device Connector Types		
		Keyboard	Mouse	Video
DC-CBK622	6	PS/2		HDDDB15
DC-CBKA22	10	PS/2		HDDDB15

Product Layout

Front View



Back View

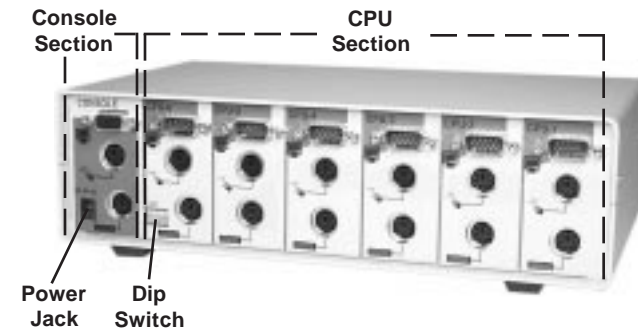








Figure 1: *PC Switch 6000* Layout

Connector Types

The following connector types are illustrated for your reference when making device connection:

Keyboard	Mouse	Video
 AT (5-Pin DIN)	 Serial (DB9)	 HDDDB15 (Male)
 PS/2 (6-Pin DIN)	 PS/2 (6-Pin DIN)	 HDDDB15 (Female)

Installation

The *PC Switch 6000* can control up to 6 PCs. Proceed with the following steps to setup the *PC Switch 6000*:

!!! CAUTION !!!

Make sure all the devices are powered off when making connections.

To Setup the Console

1. Connect the keyboard, mouse and monitor to the *Console* section on the *PC Switch 6000*. And plug the power adapter into the power jack.

To Setup the PC

1. Connect the mouse, keyboard, and video (DB15/Female) connector of the cable kit to the *CPU-1* on the *PC Switch 6000*. Then connect all the connectors on the other end of the cable kit to the first PC.
2. Repeat **step 1** to setup other PCs.
3. Turn on the *PC Switch 6000* first, then the PCs.

Operations

The *PC Switch 6000* comes with the following LEDs for user's friendly operation:

- POWER LED:** To indicate the *PC Switch 6000* is powered on and ready.
- SCAN LED:** To indicate the *PC Switch 6000* is under the SCAN mode.
- READY LED:** To indicate the corresponding PC is powered on.
- ACTIVE LED:** To indicate the current selected operating PC.

To Access the PC

You can access to the connected PCs by pressing the SELECT button on the front panel of the *PC Switch 6000*, or the HOT keys on the console keyboard.

Press the SELECT button:

Press the SELECT button and release it within one second. The ACTIVE LED will advance to the next corresponding PC's LED with a beep sound.

Press the HOT keys:

Press and release the HOT keys(**Ctrl, Alt and Shift**) on the console keyboard simultaneously. Followed by entering a corresponding PC's number (#) and press **Enter**.

For example: Ctrl + Alt + Shift → a number → Enter

To Activate the SCAN Mode

You can monitor the PCs by pressing the SELECT button, or the HOT keys on the console keyboard. Also, you can configure the DIP Switch on the back panel of the *PC Switch 6000* to set the scanning interval (see next section for DIP Switch Settings).

Press the SELECT button:

Press the SELECT button and hold it **over** one second. The SCAN LED will light on with two beeps.

To stop the SCAN mode and return to **Normal** operation, press the SELECT button and release it within one second. The SCAN LED will be off.

Press the HOT keys:

Press and release the HOT keys(**Ctrl, Alt and Shift**) on the console's keyboard simultaneously. Followed by entering the number 0 and press **Enter**.

For example: Ctrl + Alt + Shift → 0 → Enter

To stop the SCAN mode and return to **Normal** operation, press the **Space** bar of the keyboard.